

Pressure and Wind Data



Picture (*above*): Tree damaged by wind on 7 February 2002, South Willamette Valley.

For Eugene (1945-2012 data)...

Strongest Sustained Wind **63 mph** on 12 October 1962

Strongest Wind Gust **86 mph** on 12 October 1962

Highest Pressure **30.76 inches** on 11 January 2009

Lowest Pressure **28.86 inches** on 12 October 1962

Normal and Extreme Sea Level Pressure

Period of Record: 1945-July 2012

Eugene	averages¹	
	<i>inches</i>	<i>millibars</i>
January	30.10	1019.3
February	30.07	1018.3
March	30.08	1018.6
April	30.06	1017.9
May	30.06	1017.9
June	30.02	1016.6
July	30.06	1017.9
August	30.03	1016.9
September	30.04	1017.3
October	30.10	1019.3
November	30.09	1019.0
December	30.13	1020.3
<i>Annually</i>	30.07	---

¹Averages are derived from 1971-2000 data.

Eugene	Highest Pressure²		Lowest Pressure²	
	<i>Pressure</i>	<i>Date</i>	<i>Pressure</i>	<i>Date</i>
January	30.76	11 Jan 2009	28.86	4 Jan 2008
February	30.69	19 Feb 1953	28.99	24 Feb 1958
March	30.66	6 Mar 1955	29.04	13 Mar 1980
April	30.62	18 Apr 1982	29.16	2 Apr 1958
May	30.57	1971 ³	29.44	30 May 1982
June	30.53	1967 ³	29.57	6 Jun 1984 17 Jun 2005
July	30.42	9 Jul 1983	29.59	1974 ³
August	30.36	8 Aug 2002 23 Aug 2010	29.41	31 Aug 1961
September	30.44	26 Sept 1999	29.35	1972 ³
October	30.58	21 Oct 1953	28.86	12 Oct 1962
November	30.71	12 Nov 2010	29.03	13 Nov 1981
December	30.72	14 Dec 1997	28.88	1951 ³
<i>All Time</i>	30.76	11 Jan 2009	28.86	12 Oct 1962

¹Averages are derived from 1971-2000 data.²Pressure readings are in units of inches.³Pressure recorded in the month, but data records not available to determine exact date.

Monthly Normal and Extreme Wind Data (mph)

Period of Record: 1954-2012

	normal ¹		Windiest Month		Highest Sustained ²			Highest Gust ²		
	dir.	mph	avg.	year	dir.	mph	date	dir.	mph	year
Jan	S (180°)	7.6	11.2	1954	S	58	7 Jan 1961	S	81	7 Jan 1961
Feb	S (180°)	7.5	11.3	1961	S	60	7 Feb 2002	S	72	24 Feb 1961
Mar	S (180°)	7.7	10.5	1961	S	48	27 Mar 1963	S	75	27 Mar 1963
Apr	S (180°)	7.6	10.0	1961	S	44	7 Apr 1972	S	57	7 Apr 1972
May	N (360°)	7.2	9.4	1961	W	46	1 May 1961	SW	55	1 May 1961
Jun	N (360°)	7.5	9.3	1972	S	30	4 Jun 2009 ³	W	41	2 Jun 1988
Jul	N (360°)	8.0	9.8	1994	NW	37	4 Jul 1986	NW	46	4 Jul 1986
Aug	N (360°)	7.7	9.2	1960	E	32	21 Aug 1979 ³	E	42	21 Aug 1979
Sep	N (360°)	7.4	9.4	1971	NW	32	2 Sep 2004 ³	S	44	4 Sep 1959
Oct	S (180°)	6.7	9.0	1961	S	63	12 Oct 1962	S	86	12 Oct 1962
Nov	S (180°)	7.6	10.2	1988	SW	46	13 Nov 1957	S	59	14 Nov 1981
Dec	S (180°)	7.9	10.0	1971	SW	44	14 Dec 2006	S	54	14 Dec 2006
Year	N (360°)	7.5	9.1	1961	South 63 mph		12 October 1962	South 86 mph		12 October 1962

¹Normal are the 1981-2010 climate 30-year data normals.

²Sustained wind listed as the fastest mile speed in a minute, while gusts are instantaneous, usually 2 seconds.

Top 5 Windiest Months and Years

(1949-August 2012 hourly data, with speed in miles per hour)

January	February	March	April	May	June
11.2 1954	11.3 1961	10.5 1961	10.0 1961	9.4 1961	9.3 1972
10.8 1951	10.6 1999	10.5 1956	9.5 1993	8.9 1972	8.8 1961
10.4 1972	10.0 1949	10.1 1971	9.4 1972	8.7 1959	8.6 1992
10.0 1990	9.8 1990	9.8 1962	9.4 1959	8.3 1950	8.6 1989
9.9 1956	9.7 1960	9.1 1966 ³	9.0 1982 ³	8.2 1988 ³	8.6 1985 ³
July	August	September	October	November	December
9.8 1994	9.2 1960	9.4 1971	9.0 1961	10.2 1988	10.2 1971
9.6 1972	9.0 1961	8.8 1959	8.5 1994	9.7 1983	10.0 1955
9.6 1959	8.7 1975	8.7 1994	8.5 1967	9.3 1994	9.4 1994
9.5 1960	8.5 1988	8.7 1972	8.4 1991	9.2 1973	9.3 1957
9.0 1961	8.5 1972	8.6 1992 ³	8.2 1950	9.2 1960	9.2 1968

Top 5 Windiest Years

9.1 mph	1961
9.0	1972
8.4	1971
8.3	1994
8.3	1959

Top 5 Least Windy Years

6.1 mph	2010
6.1	1952
6.2	2009
6.3	2011
6.3	1997

³Most recent year of multiple occurrences.